Tom Gonzalez
Professor Labouseur
Lab 8
April 13, 2015

**Orders**

OrdNo (PK)
SID (FK)
Comments
OrdDate

**OrdContents**

Ordno (PK,FK)
SKU (PK, FK)
QuanOr

**Suppliers**

SID (PK)
Name
StNumber
StName
StSuffix
city
state
zip
Phone
Email
PMTterms

**Clothes**

SKU (PK)
ItemDes
PriceUSD
QuantityOH
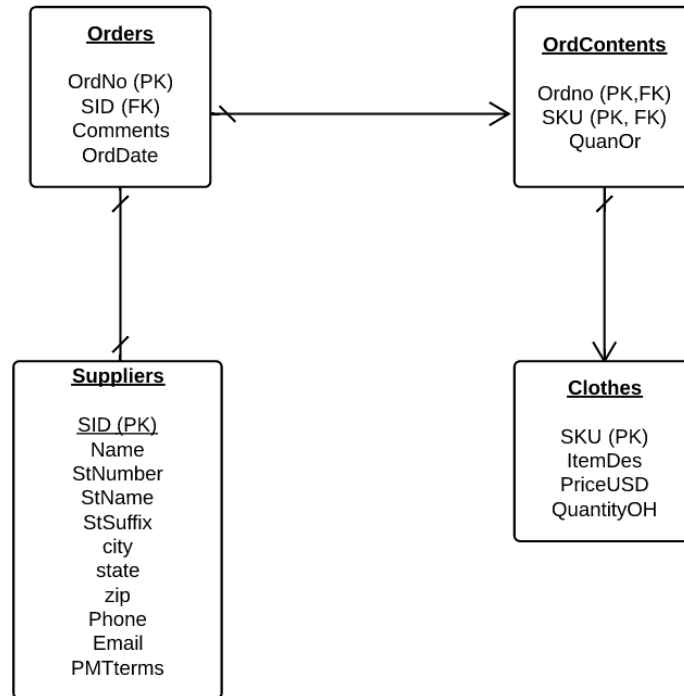
(the feet on the arrows should be reversed but I haven't figured that out in lucidchart yet)

-- Create Table statements

create table Suppliers (
      sid                   char(4) not null,
      name               text,
      StNumber       integer,
      StName          text,
      StSuffix         text,
      City              text,
      State            text,
      Zip               integer,
      PMTterms       text,
Primary key(sid)
);

--  Functional dependencies for Suppliers: sid -> name, StNumber, StName, StSuffix, city, state, zip.

Create table Orders (
      OrdNo             char(4) not null,
      sid               char(4) not null,
      Comments       text,

```
            OrdDate                 char(8),
    Primary key(OrdNo)
    );

    --  Functional dependencies for Orders: OrdNo -> SID, Comments, OrdDate.


    Create table OrdContents (
            OrdNo                   char(4) not null,
            SKU                     char(4) not null,
            QuanOr                  integer,
    Primary key(OrdNo, SKU)
    );

--  Functional dependencies for OrdContents: OrdNo -> SKU
                                            SKU -> QuanOR.


    Create table Clothes (
            SKU                     char(4) not null,
            ItemDes                 text,
            PriceUSD                text,
            QuantityOH              integer,
    Primary key(SKU)
    );
--  Functional dependencies for Clothes: SKU -> ItemDes, PriceUSD, Quantity OH

-- Insert Statements

Insert into suppliers(sid, name, StNumber, StName, StSuffix, City, State, Zip, PMTterms)

        Values('s001','Kohls','15','Maplewood','Drive','Counselor', 'New Mexico', '87018','3/30');

Insert into suppliers(sid, name, StNumber, StName, StSuffix, City, State, Zip, PMTterms)

        Values('s002','Gap','37','Atlantic','Avenue','New York', 'New York','11365','2/30');

Insert into suppliers(sid, name, StNumber, StName, StSuffix, City, State, Zip, PMTterms)

        Values( 's004', 'H&M', '64', 'Glenndale', 'Avenue', 'Sparta', 'New Jersey','07871','4/30');

Insert into Orders (OrdNo, sid, comments, OrdDate)

        Values('0001', 's002','Everything came quickly and as ordered.','02222015');

Insert into Orders (OrdNo, sid, comments, OrdDate)

        Values('0002', 's001','Order arrived three days late and was missing items','03052015');

Insert into Orders (OrdNo, sid, comments, OrdDate)
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Values('0003', 's002','Everything arrived on time and as ordered.','04012015');

Insert into OrdContents (OrdNo, SKU, QuanOr)

Values('0001', 'i001', '10');

Insert into OrdContents (OrdNo, SKU, QuanOr)

Values('0001', 'i002', '5');

Insert into OrdContents (OrdNo, SKU, QuanOr)

Values('0002', 'i003', '20');

Insert into OrdContents (OrdNo, SKU, QuanOr)

Values('0003', 'i004', '15');

Insert into Clothes (SKU, ItemDes, PriceUSD, QuantityOH)

Values('i001', 'medium purple argyle sweater', '24.95', '0');

Insert into Clothes (SKU, ItemDes, PriceUSD, QuantityOH)

Values('i002', 'small black hooded zip up sweatshirt', '19.95', '2');

Insert into Clothes (SKU, ItemDes, PriceUSD, QuantityOH)

Values('i003', 'large white socks in pairs', '24.95', 4);

Insert into Clothes (SKU, ItemDes, PriceUSD, QuantityOH)

Values('i004', 'size 30/30 maroon chinos', '24.95', 1);

Query to show how many of 'i004' are available for sale:

```
Select sum (clothes.QuantityOH, Ordcontents.QuanOr)
From clothes, OrdContents
Where clothes.SKU = OrdContents.SKU ='i004'
```